

Daker Dk

Conventional UPS - Single phase On-line double conversion VFI

Cat.Nos	3 100 50	3 100 51	3 100 52	3 100 53	3 100 56	3 100 54	3 100 57	3 100 58
GENERAL CHARACTERISTICS								
Nominal power (VA)	1000	2000	3000	4500		6000		10000
Active power (W)	800	1600	2400	4050		5400		9000
Technology	On-line double conversion VFI-SS-111							
Waveform	Sinusoidal							
Architecture	Convertible tower and 19" rack							
INPUT CHARACTERISTICS								
Input voltage	230 V							
Input frequency	50-60 Hz ± 5% autosensing							
Input voltage range	160 V - 288 V full load							
THD of input current	< 3%							
Input power factor	> 0.99							
Compatibility with gensets	Configurable for synchronism between the input and output frequencies, even for the highest frequency ranges, ± 14%							
OUTPUT CHARACTERISTICS								
Output voltage	230 V ± 1%							
Output frequency (nominal)	50/60 Hz (configurable via LCD panel) +/- 0.1%							
Peak factor	1:3							
THD of output voltage	< 3% with linear load							
Output voltage tolerance	± 1%							
Bypass	Automatic bypass and optional external manual bypass							
BATTERIES								
Backup time extension	Yes							
Number of batteries	3	6	6	20	-	20	-	-
Battery range type/voltage	12 V 7.2 Ah	12 V 7.2 Ah	12 V 9 Ah	12 V 5 Ah	-	12 V 5 Ah	-	-
Backup time (min)	10	10	8	6	-	4	-	-
COMMUNICATION AND MANAGEMENT								
Screen and signalling	Four buttons and four LEDs for real-time control of the status and the main parameters of the UPS							
Communication ports	RS232 and USB serial ports			RS232 serial ports				
Remote control	Available							
Connector for network interface	SNMP							
MECHANICAL CHARACTERISTICS								
Dimensions (H x W x D) (mm)	440x88 (2U) x405	440x88 (2U) x650	440x88 (2U) x650	440x176 (4U) x680	440x88 (2U) x680	440x176 (4U) x680	440x88 (2U) x680	440x132 (3U) x680
Dimensions of battery cabinet H x W x D (mm)	440x176 (4U) x405	440x88 (2U) x650	440x88 (2U) x650	-	440x132 (3U) x680	-	440x132 (3U) x680	440x132 (3U) x680
Net weight (kg)	16	29.5	30	52	25*	52	25*	26*
AMBIENT CONDITIONS								
Operating temperature (°C)	0 ÷ 40°C							
Protection index	IP 21							
Relative humidity (%)	20 to 80%							
Noise at 1 m (dBA)	< 50							
Heat dissipation (BTU/h)	490	654	818	982		1310		1636
CERTIFICATIONS								
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3							
* Weight without batteries NOTE: The backup times, expressed in minutes, are measured under optimum operating conditions								

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